

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143355.D
 Acq On : 12 Aug 2025 16:02
 Operator : RC/JU
 Sample : Q2807-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Aug 12 16:29:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

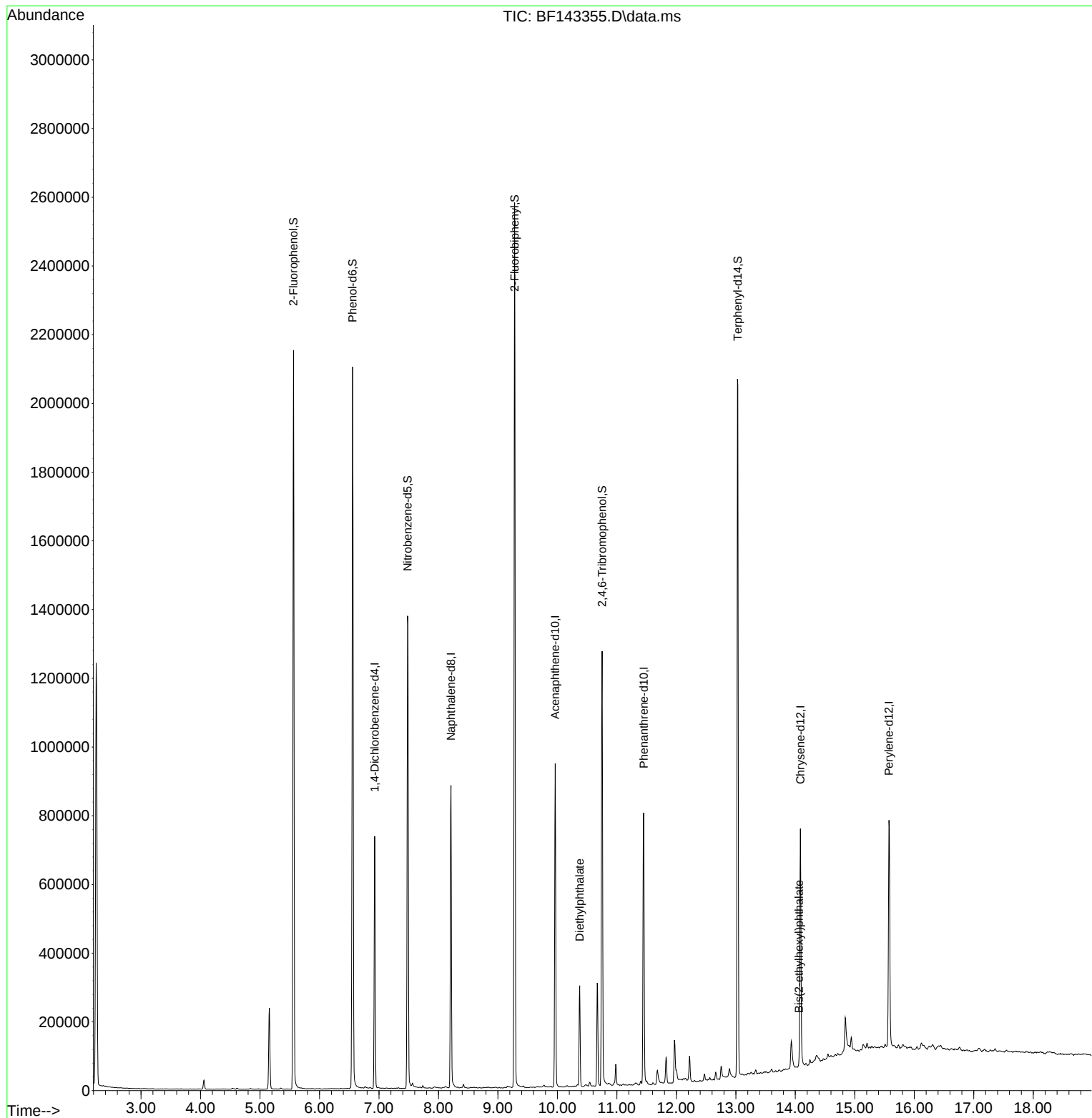
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	146370	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	551165	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	273111	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	405137	20.000	ng	0.00
76) Chrysene-d12	14.086	240	334879	20.000	ng	0.00
86) Perylene-d12	15.574	264	409754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	754839	89.179	ng	0.00
7) Phenol-d6	6.557	99	950502	87.568	ng	0.00
23) Nitrobenzene-d5	7.481	82	601650	67.978	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	206142	103.280	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1100838	68.351	ng	0.00
79) Terphenyl-d14	13.033	244	1018081	54.277	ng	0.00
Target Compounds						
60) Diethylphthalate	10.374	149	146438	10.245	ng	99
84) Bis(2-ethylhexyl)phtha...	14.062	149	4370	4.480	ng	# 82

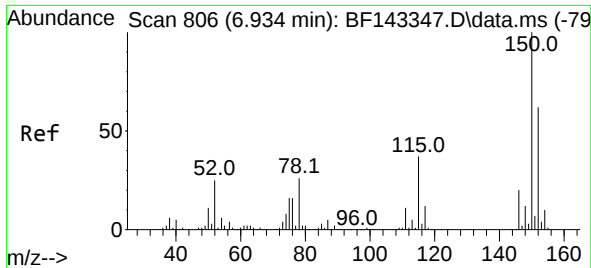
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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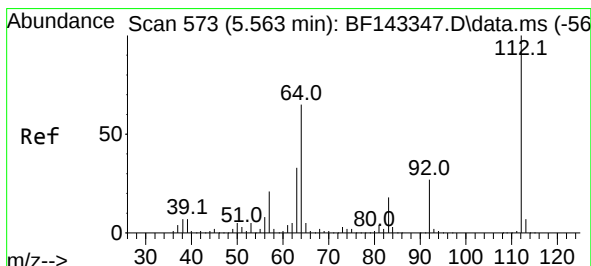
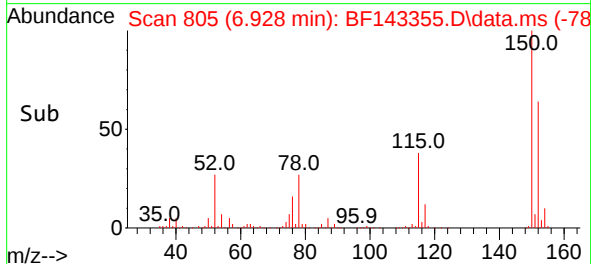
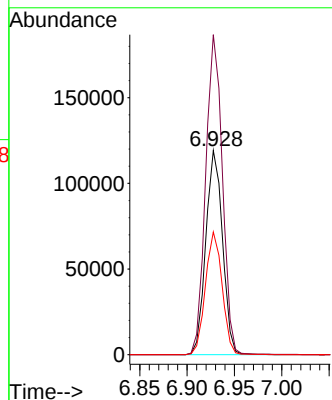
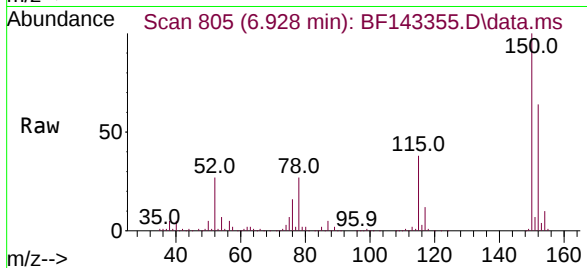




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

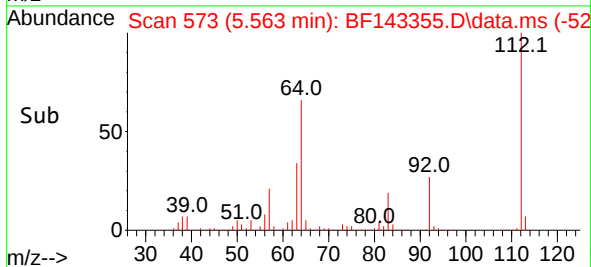
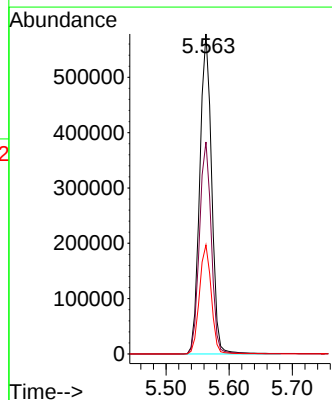
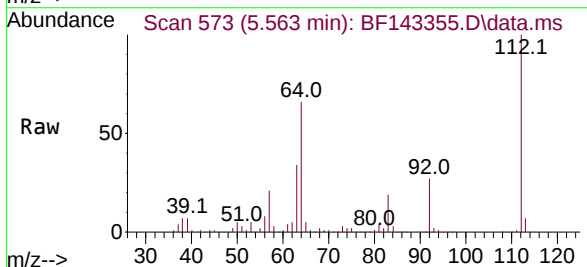
Instrument :
BNA_F
ClientSampleId :
COMP-4

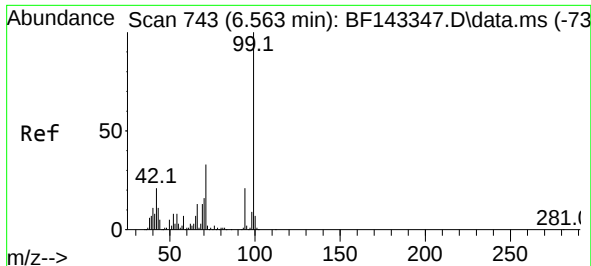
Tgt Ion:152 Resp: 146370
Ion Ratio Lower Upper
152 100
150 156.7 129.8 194.8
115 60.1 47.8 71.8



#5
2-Fluorophenol
Concen: 89.179 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

Tgt Ion:112 Resp: 754839
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 34.0 26.6 39.8

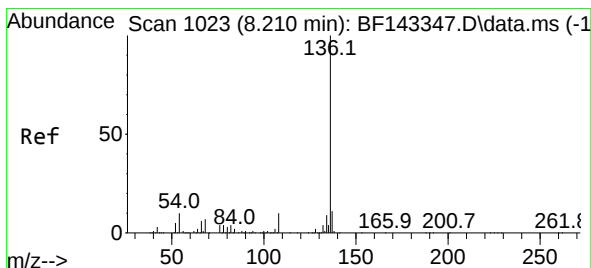
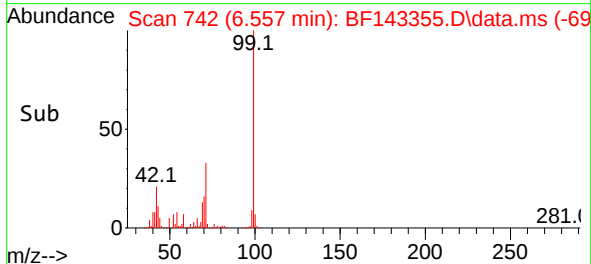
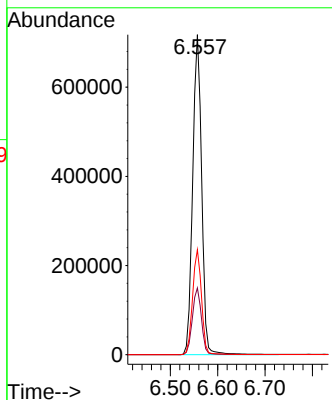
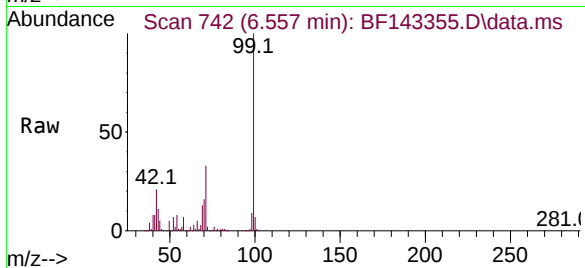




#7
Phenol-d6
Concen: 87.568 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

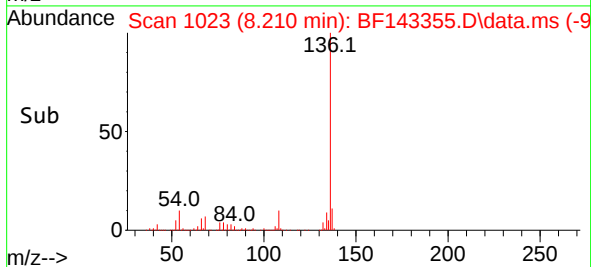
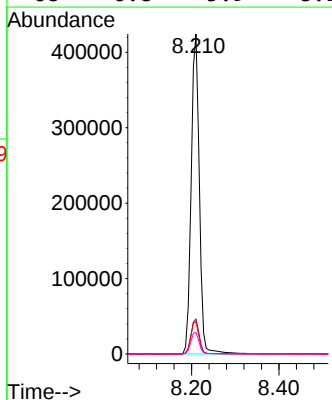
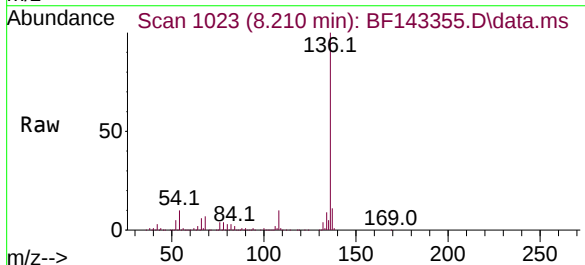
Instrument :
BNA_F
ClientSampleId :
COMP-4

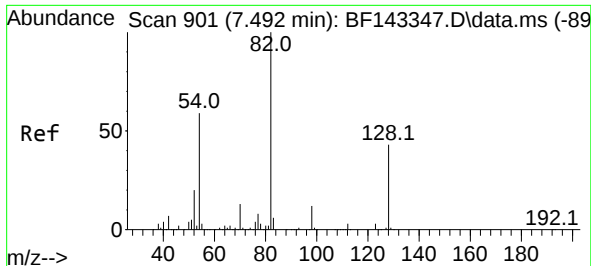
Tgt Ion: 99 Resp: 950502
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 32.8 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

Tgt Ion: 136 Resp: 551165
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.0 8.4 12.6
68 6.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 67.978 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF143355.D

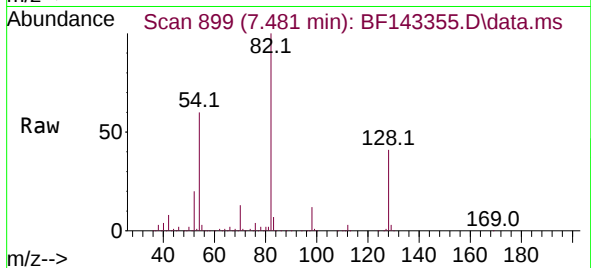
Acq: 12 Aug 2025 16:02

Instrument :

BNA_F

ClientSampleId :

COMP-4



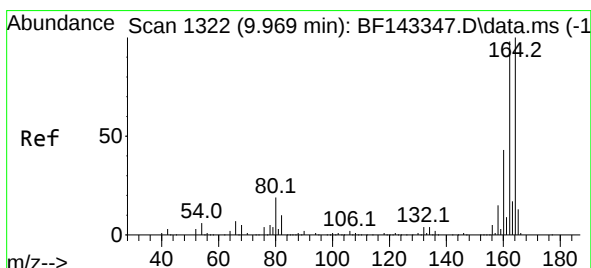
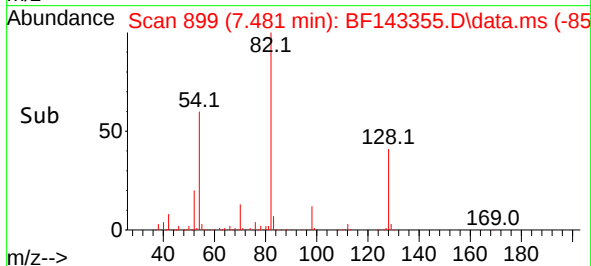
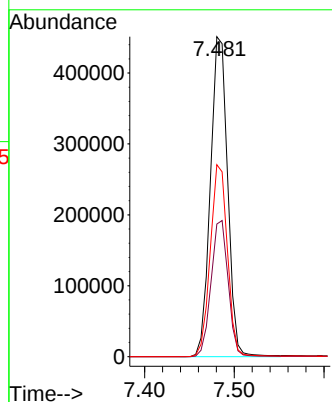
Tgt Ion: 82 Resp: 601650

Ion Ratio Lower Upper

82 100

128 41.5 33.5 50.3

54 60.0 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143355.D

Acq: 12 Aug 2025 16:02

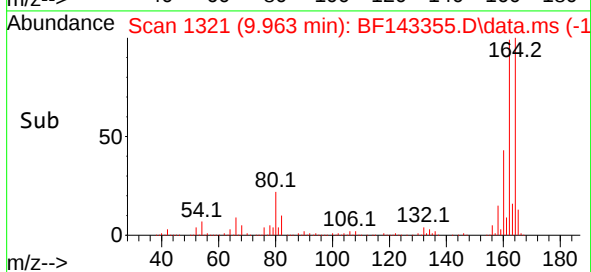
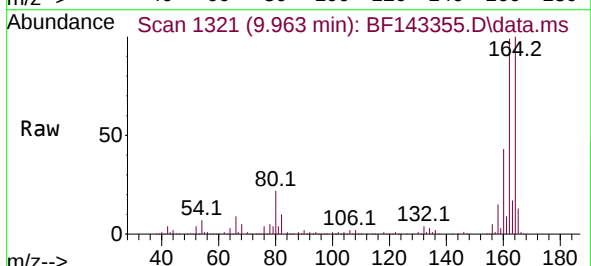
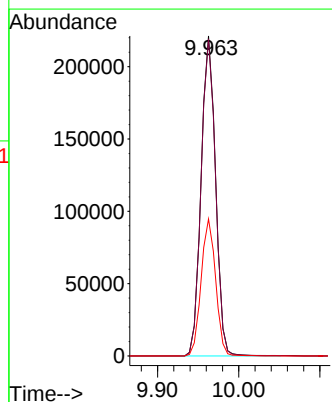
Tgt Ion:164 Resp: 273111

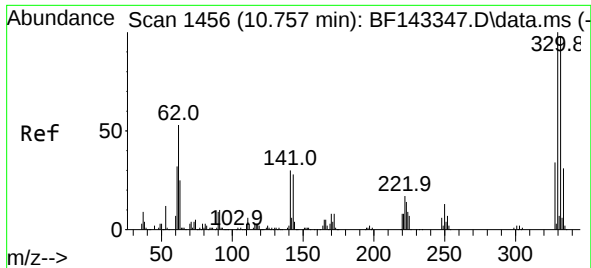
Ion Ratio Lower Upper

164 100

162 99.1 78.6 118.0

160 42.8 34.4 51.6

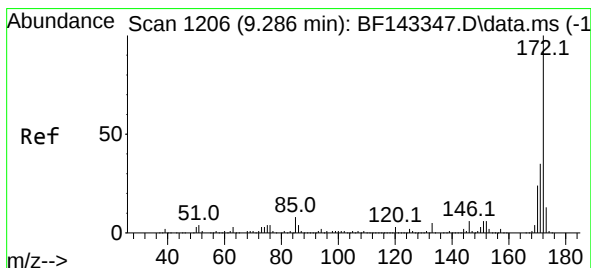
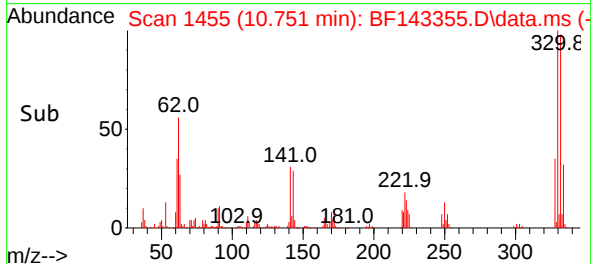
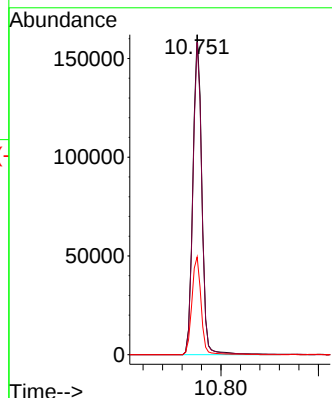
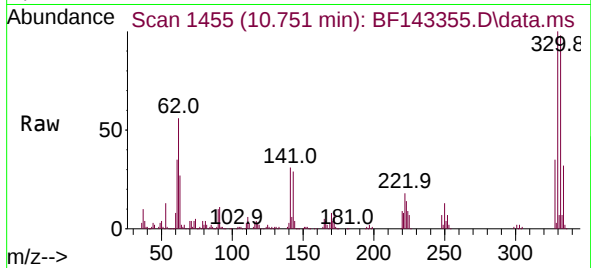




#42
2,4,6-Tribromophenol
Concen: 103.280 ng
RT: 10.751 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

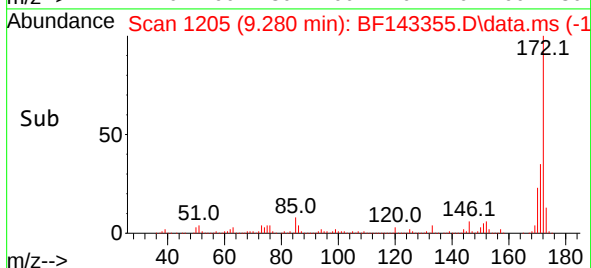
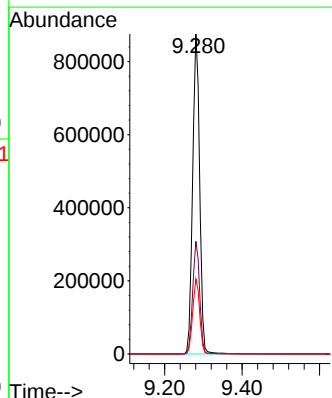
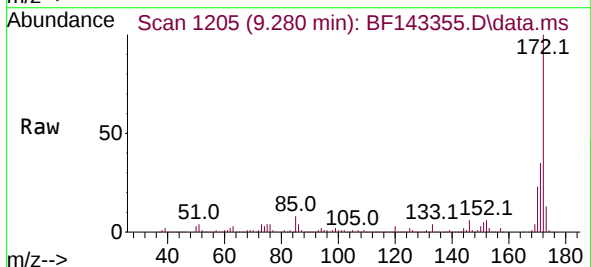
Instrument :
BNA_F
ClientSampleId :
COMP-4

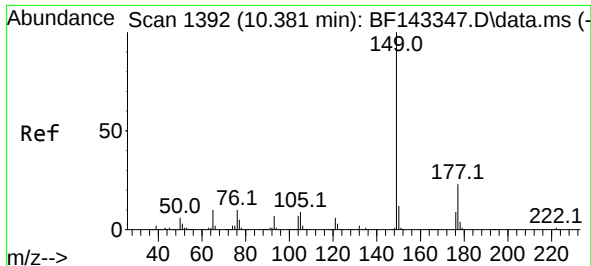
Tgt Ion:330 Resp: 206142
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 31.4 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 68.351 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

Tgt Ion:172 Resp: 1100838
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 19.1 28.7

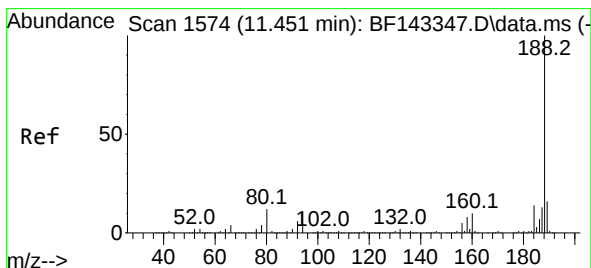
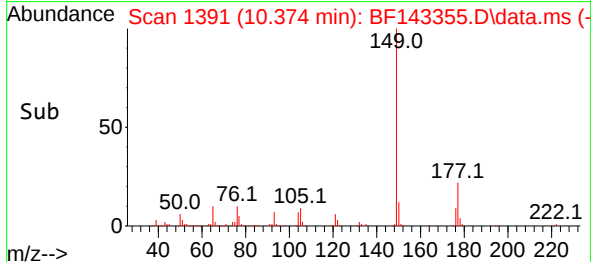
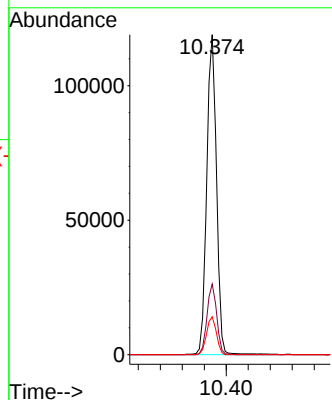
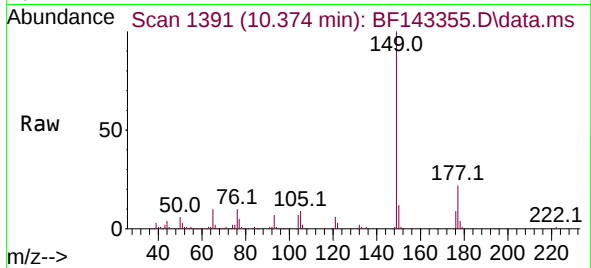




#60
Diethylphthalate
Concen: 10.245 ng
RT: 10.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

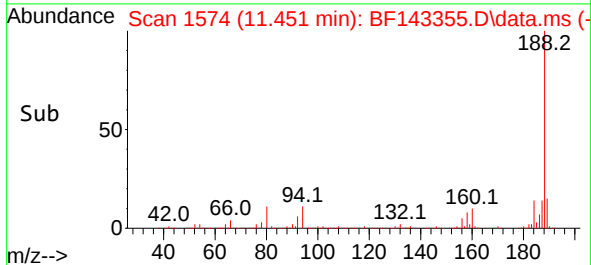
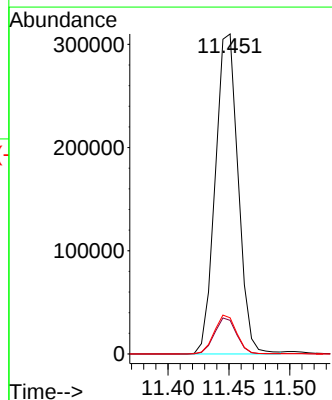
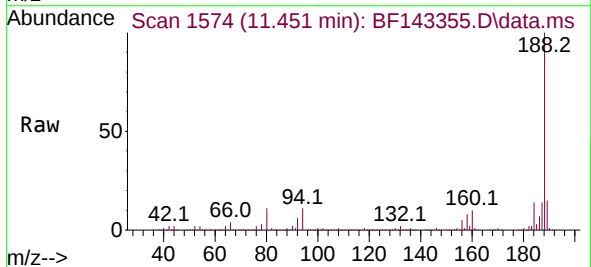
Instrument :
BNA_F
ClientSampleId :
COMP-4

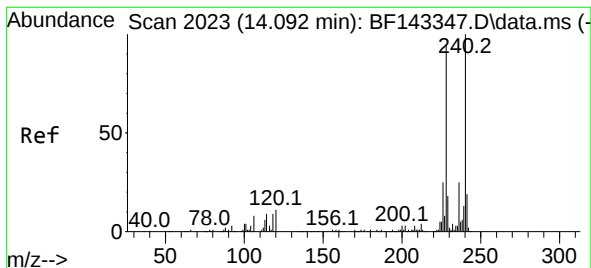
Tgt Ion:149 Resp: 146438
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 11.8 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

Tgt Ion:188 Resp: 405137
Ion Ratio Lower Upper
188 100
94 10.5 8.8 13.2
80 11.3 9.7 14.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143355.D

Acq: 12 Aug 2025 16:02

Instrument :

BNA_F

ClientSampleId :

COMP-4

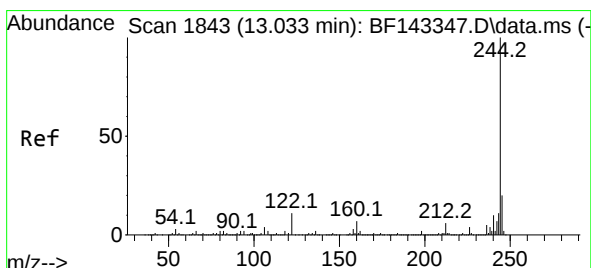
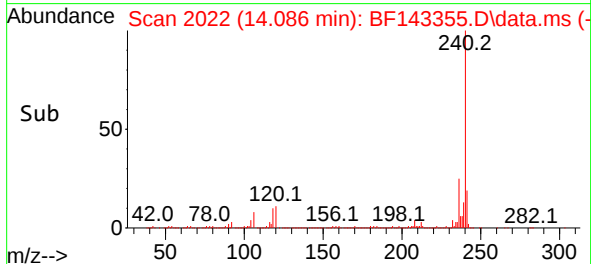
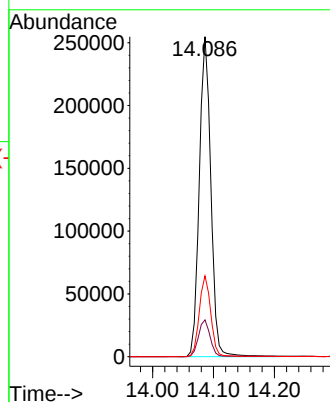
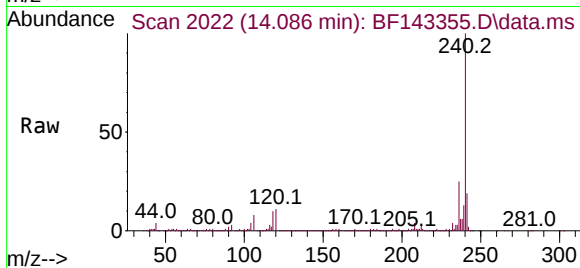
Tgt Ion:240 Resp: 334879

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

236 25.3 19.9 29.9



#79

Terphenyl-d14

Concen: 54.277 ng

RT: 13.033 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF143355.D

Acq: 12 Aug 2025 16:02

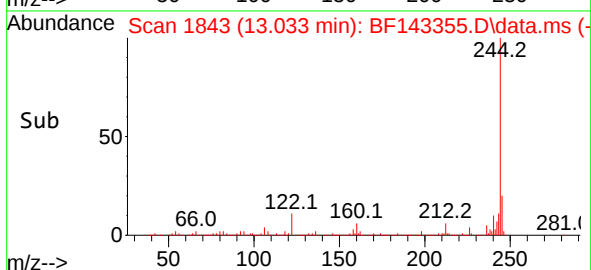
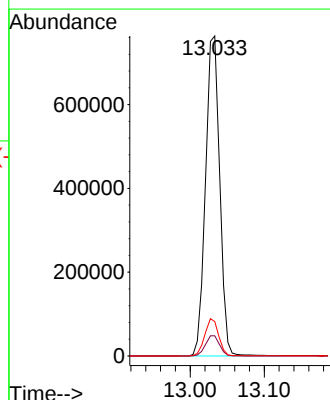
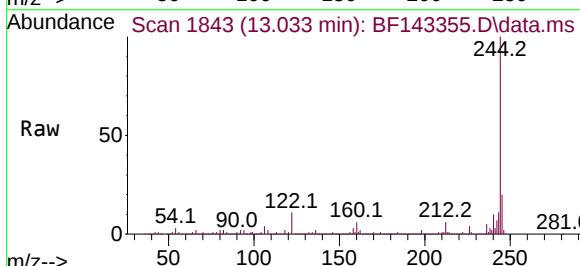
Tgt Ion:244 Resp: 1018081

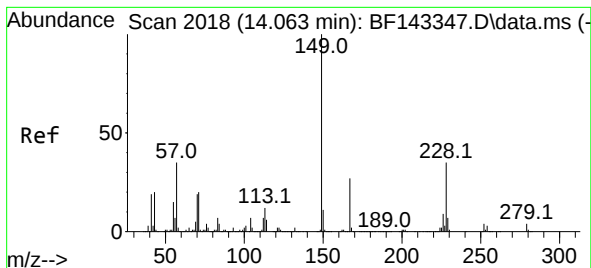
Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 10.7 8.9 13.3

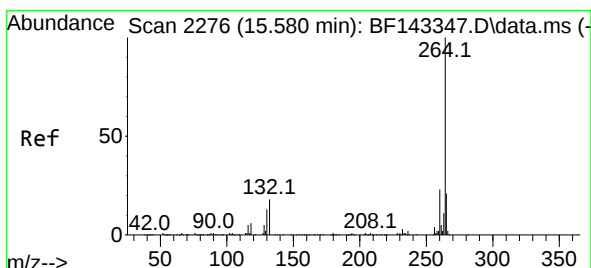
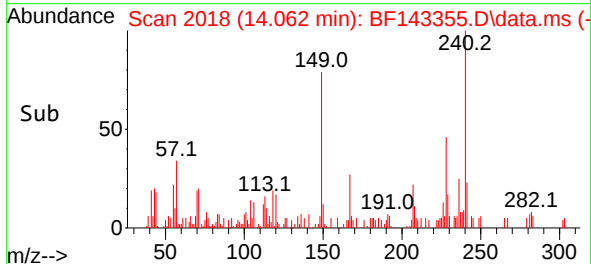
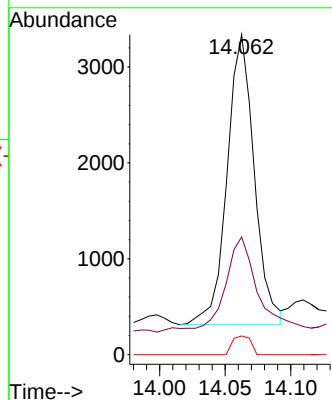
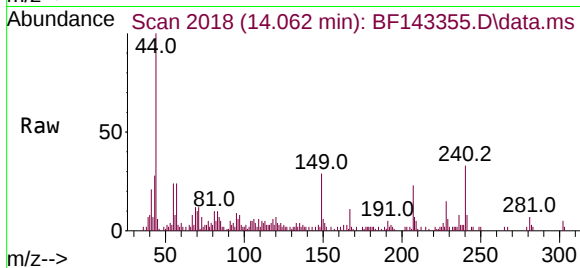




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.480 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.001 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:149 Resp: 4370
Ion Ratio Lower Upper
149 100
167 36.8 21.4 32.0#
279 5.8 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF143355.D
Acq: 12 Aug 2025 16:02

Tgt Ion:264 Resp: 409754
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.5 17.2 25.8

